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 Appl. No: 08/935,858

**AMENDMENTS TO THE CLAIMS WITH MARKINGS TO SHOW CHANGES
 MADE, AND LISTING OF ALL CLAIMS WITH PROPER IDENTIFIERS**

1. (Currently Amended) A permanent magnet excited rotor for an electric drive and disposed in a stator ~~at formation of an air gap therebetween~~, comprising:
 a rotor plate pack composed of a plurality of rotor plate sections and defining a transverse axis, said rotor plate pack having an outer surface spaced from an opposite surface of the stator at formation of an air gap; and
 a plurality of permanent magnets arranged ~~on an~~ upon the outer surface of the rotor plate pack;
 wherein each of the rotor plate sections of said rotor plate pack has pole gaps to increase a magnetic transverse resistance in a direction of the transverse axis;
 wherein the pole gaps have a depth which is greater than a width of the air gap between the rotor and the stator

2. (Previously Amended) The permanent magnet excited rotor of claim 1 disposed in a stator at formation of an air gap therebetween, wherein the plurality of permanent magnets is disposed on the outer surface of a rotor plate pack in the area of the air gap between the rotor and the stator.

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3. (Previously Amended) The permanent magnetic excited rotor of claim 2, wherein the pole gaps are disposed such a manner that there is present a pole coverage of the outer surface of rotor plate pack by the plurality of permanent magnets, with a coverage by the plurality of permanent magnets in the range of from 70% to 80 %.

Claim 4. (Canceled)

5. (Previously Amended) The permanent magnet excited rotor of claim 1, wherein the pole gaps are disposed in the rotor plate pack in substantially equidistant manner.
6. (Previously Amended) The permanent magnet excited rotor of claim 2, wherein the pole gaps are directly disposed in the area of the air gap.
7. (Previously Amended) The permanent magnet excited rotor of claim 1, wherein the pole gaps are disposed in covered manner in the rotor plate section.
8. (Previously Amended) The Permanent magnet excited rotor of claim 7, wherein the pole gaps are substantially filled by a material that is substantially amagnetic.

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9. (Previously Amended) The permanent magnet excited rotor of claim 1, wherein the permanent magnets are rare-earth permanent magnets.
10. (Currently Amended) A permanent magnet excited electric drive, comprising:
a stator including a three-phase stator winding with a predetermined number of pole pairs; and
a rotor including a rotor plate pack, which is formed with pole gaps to increase the magnetic transverse resistance in a direction of a transverse axis of the rotor, and has an outer surface spaced from an opposite surface of the stator at formation of an air gap, and a plurality of permanent magnets received peripherally upon the outer surface of ~~by~~ the rotor plate pack, wherein the pole gaps have a depth which is greater than a width of the air gap between the rotor and the stator, said rotor including a same number of pole pairs as the stator.
11. (Previously Amended) The permanent magnet excited electric drive of claim 10, configured for operation at constant power through field weakening at variable rotation speed.
12. (Previously Added) The permanent magnet excited rotor of claim 5, wherein the pole gaps are provided in the outer surface of the rotor plate pack by at least one process selected from the group consisting of milling, stamping, and punching.

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13. (Previously Added) The permanent magnet excited rotor of claim 7, wherein the pole gaps are provided in the rotor plate pack by a punching process.
14. (Previously Added) The permanent magnet excited rotor of claim 7, and further comprising a binding for securing the permanent magnets in place.
15. (New) The permanent magnet excited rotor of claim 1, wherein the depth of the pole gaps is greater than a thickness of the permanent magnets.
16. (New) The permanent magnet excited rotor of claim 10, wherein the depth of the pole gaps is greater than a thickness of the permanent magnets.